

Mail Stop 521

JUN 13 1980

Mr. P.B. Norgaard
 Atlantic Richfield Company
 P.O. Box 360
 Anchorage, Alaska 99510

Dear MR. Norgaard:

We have evaluated your application to modify the production facilities at the Prudhoe Bay oil field in Prudhoe Bay, Alaska pursuant to the requirements of the federal regulations for the Prevention of Significant Deterioration (PSD). We find that the proposal will employ best available control technology (BACT) and will not cause violations of any PSD air quality increment or National Ambient Air Quality Standards (NAAQS).

Accordingly, on the basis of the October 17, 1979 PSD permit application EPA hereby grants its approval to the Atlantic Richfield Company and Sohio Petroleum Company to add forty-two gas fired turbines and thirty-one gas fired heaters to the Prudhoe Bay oil field complex, subject to the terms and conditions contained in the enclosed permit. Also enclosed is EPA's Final Determination Analysis Document for this project. The Final Determination Analysis Document contains our detailed response to comments raised in your May 19, 1980 letter. Please note that as a result of your comments and discussions with members of your staff some changes have been made in the final permit.

If you have any questions regarding the enclosures please feel free to contact Michael Hohnston of my staff at (206) 442-7176.

Sincerely,

/s/ L. Edwin Coate

Donald P. Dubois
 Regional Administrator

2 Enclosures

NYE: cal: 6/9/80

CONCURRENCES

| | | | | | | | |
|---------|--------|----------|-------|------|-------|--|--|
| SYMBOL | RCN | RCN /n | SS | MR | | | |
| SURNAME | NYE | JOHNSTON | GEREN | REED | COATE | | |
| DATE | 6-9-80 | 6-8-80 | 6/9 | 6/9 | | | |

USEPA REG



0000097